

AbstractBRUSHHEAD ATTACHMENT SYSTEM FOR A POWER TOOTHBRUSH

The attachment system includes a brushhead assembly having a spring/carrier combination which comprises a spring assembly and a separate carrier assembly, adapted to mate as a combination with a receiving portion, in the form of a cup member, at the top of the handle of the toothbrush. The spring/carrier combination includes a slot which mates snugly with a vertical rib on the inside surface of the cup member, and further includes a portion which opposes the slot on the spring/carrier combination which mates snugly with a cut-out portion in the cup member, to prevent rotational movement of the brushhead relative to the handle. The spring/carrier assembly further includes two opposing spring finger elements which extend downwardly from an upper edge of the spring/carrier assembly and are joined thereto such that the lower ends of the spring fingers have a slightly outward springing action, wherein the lower ends of the spring fingers fit into corresponding openings in opposing sides of the cup member when the spring/carrier assembly is operatively positioned in the cup member, tending to prevent translational movement of the brushhead relative to the handle.